

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P16963

First Inventor Randy B. Osborne

Title METHOD AND APPARATUS FOR IMPLICIT DRAM PRECHARGE

Express Mail Label No. EV336586183US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 29]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration (unsigned) [Total Pages 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment Application Amended to Reflect Claim of Priority
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____ Not yet assigned Group/Art Unit: N/A

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

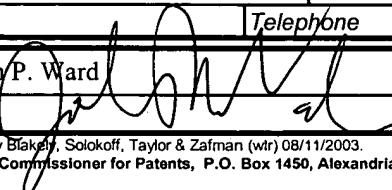
Customer Number

08791

or Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	(408) 720-8300	Fax (408) 720-8383

Name (Print/Type) John P. Ward Registration No. (Attorney/Agent) 40,216

Signature  Date 9/30/13

Based on PTO/SB/05 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003.

SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

U.S. P.T.O.
10/676882
093003

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

1,038.00

Complete if Known

Application Number	Not yet assigned
Filing Date	September 30, 2003
First Named Inventor	Randy B. Osborne
Examiner Name	Not yet assigned
Group/Art Unit	N/A
Attorney Docket No.	42P16963

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)		750.00	

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
22	- 20* = 2	X 18.00 =	\$36.00
6	3* = 3	X 84.00 =	\$252.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple Dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)		288.00	

**** or number previously paid, if greater. For Reissues, see below**

3. ADDITIONAL FEES

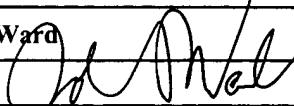
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 SurchARGE - late filing fee or oath
1052	50	2052	25 SurchARGE - late provisional filing fee or cover sheet
2053	130	2053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920 * Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840 * Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	410	2252	205 Extension for reply within second month
1253	930	2253	465 Extension for reply within third month
1254	1,450	2254	725 Extension for reply within fourth month
1255	1,970	2255	985 Extension for reply within fifth month
1404	320	2401	160 Notice of Appeal
1402	320	2402	160 Filing a brief in support of an appeal
1403	280	2403	140 Request for oral hearing
1451	1,510	2451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,300	2453	650 Petition to revive - unintentional
1501	1,300	2501	650 Utility issue fee (or reissue)
1502	470	2502	235 Design issue fee
1503	630	2503	315 Plant issue fee
1460	130	2460	130 Petitions to the Commissioner
1807	50	1807	50 Prosessing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	750	1809	375 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))
1801	750	2801	375 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify)			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Name (Print/Type)	John P. Ward	Registration No. (Attorney/Agent)	40,216	Telephone	(408) 720-8300
Signature				Date	9/30/03

Application No.: Not yet assigned Date: 09/30/2003

BSTZ Docket #: 042390.P16963

Atty/Sec: JPW/BDB/mrp

Date Mailed: 09/30/2003 Docket Due Date(s): _____ Client: INTEL CORPORATION

Title METHOD AND APPARATUS FOR IMPLICIT DRAM PRECHARGE

Inventor(s) Osbome

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment: (pgs)
 Appeal Brief & two copies (pgs)
 Application: Utility
 (29 pages w/ cover & abstract)
 Application Amended to Reflect Claim of Priority
 Assignment & Cover Sheet (pgs)
 Certificate of
 Continued Prosecution Application (CPA)
 Declaration & POA (4 pgs) (unsigned)
 Drawings: 6 sheets, 6 figures
 Express Mail No: EV336586183US
 Extension of Time: _____
 Fee Transmittal (original & copy)
 Other Return receipt postcard
 Express mail certificate of mailing
- Information Disclosure Statement & PTO/SB/08 (pgs)
 Issue Fee Transmittal (original & copy)
 Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)
 Notice of Appeal
 Petition for: _____
 Request for Continued Examination (RCE)
 Reply Brief (pgs)
 Request to Rescind Previous Nonpublication Request
 Response to Notice of Missing Parts & Formalities Letter
 Terminal Disclaimer
 Transmittal of Formal Drawings
 Transmittal of Publication Fee Due
 Transmittal Letter
 Check No. in the Amount of _____
 Check No. 42440 in the Amount of \$1,038.00

SV

Assignee: Intel Corporation

Express Mail Certificate

"Express Mail" mailing label number: EV336586183US

Date of Deposit: September 30, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Maureen R. Pettibone

(Typed or printed name of person mailing paper or fee)

Maureen R. Pettibone

(Signature of person mailing paper or fee)

September 30, 2003

(Date signed)